



October 12, 2009

Givaudan<sup>®</sup>**VIA ELECTRONIC AND OVERNIGHT MAIL**

Raymond Basso, Strategic Integration Manager  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency  
290 Broadway, 19<sup>th</sup> Floor  
New York, New York 10007-1866

Re: Lower Passaic River Study Area  
Supplemental Request for Information

Dear Mr. Basso:

Givaudan Fragrances Corporation ("Givaudan") hereby responds to the Supplemental Request for Information Pursuant to 42 U.S.C. Section 9601-9675 from the United States Environmental Protection Agency ("EPA"), dated September 2, 2009, related to the Lower Passaic River Study Area. This letter supplements Givaudan's prior submission and response to EPA's prior 104(e) Information Request in this matter.

As agreed among the parties, and as confirmed in Ms. Flanagan's email of September 23, 2009, Givaudan will provide its response to the Supplemental Request for Information in two submissions (Part 1 and Part 2) with Part 1 of Givaudan's response submitted below and Part 2 of Givaudan's response due by November 12, 2009.

The following is Part 1 of Givaudan's Response:

**1. Provide all information about sewer decommissioning and demolition of buildings on the former Givaudan facility located at 125 Delawanna Avenue, Clifton, New Jersey (the "Givaudan facility") including a copy of the report entitled Remedial Action Report for Sewer Decommissioning (ERM, February 2000), referred to in Givaudan's July 12, 2004 response to EPA's May 13, 2004 Request for Information.**

## RESPONSE:

As requested, Givaudan hereby provides EPA with a copy of the Remedial Action Report for Sewer Decommissioning (ERM, February 2000), with Attachments and Appendices (Attachment A). This report provides a comprehensive discussion and detailed information on the sewer decommissioning activities that occurred at the former Givaudan facility located at 125 Delawanna Avenue, Clifton, New Jersey (the "Former Givaudan Facility").

Building demolition activities and construction work occurred during various times over the operational history at the Former Givaudan Facility. Due to the passage of time, documents related to most of the historical demolition are no longer in the possession of Givaudan. Records of demolition activities were either not kept or were discarded in the ordinary course. Givaudan has searched its files and has located summary information on a portion of the historical demolition activities at the Former Givaudan Facility.

Attached hereto is a copy of a summary table prepared of all demolition activities between 1970 and 1982, and a 1982 site map showing existing buildings on the Former Givaudan Facility (Attachment B). This summary table was originally provided by Givaudan to the New Jersey Department of Environmental Protection ("NJDEP") in response to a NJDEP inquiry in 1983. It was also provided to EPA as Attachment 4 to Volume I of Givaudan's July 9, 2004 Request for Information Response Document.

Based on available records from the early-1980's to late-1990's, it is believed that several buildings located at the Former Givaudan Facility were demolished in or around that time period. Attached hereto is a post-closure map of the Former Givaudan Facility showing the existing buildings on-site in January 1999 (Attachment C). This map was originally provided by Givaudan to NJDEP in its Remedial Action Work Plan for Soils (ERM, April 2000).

The following information is a summary of the building demolition activities that took place at the Former Givaudan Facility in 1998-1999. In 1998, Givaudan entered into a contract with Universal Process Equipment, Inc. entitled "Agreement for Removal and Disposal of the Structure, Asbestos and Equipment from Designated Buildings". The Agreement provided for equipment, supervision, labor, utilities and permits to operate a complete crushing facility at the Former Givaudan Facility. The work included concrete crushing, removal of transite panels, and demolition work by American Wrecking Corporation (demolition contractor). The work included demolition of all remaining structures at the Former Givaudan Facility, south of Delawanna Avenue, prior to the redevelopment of the property. (Attachment D).



Attached are available photos from approximately 2001 of the Site after demolition activities were completed. (Attachment E).

**2. Provide all sediment and/or water column data collected by Givaudan in or adjacent to the Passaic River, Third River and Yantacaw Lake.**

RESPONSE:

Other than the recent sediment data collected by the Lower Passaic River Cooperating Parties Group ("CPG"), Givaudan does not possess any sediment and/or water column data in or adjacent to the Passaic River, Third River and/or Yantacaw Lake. As a member of the CPG, Givaudan is participating in and funding the CPG work on the Remedial Investigation/Feasibility Study ("RI/FS") of the Lower Passaic River. In 2008, the CPG collected sediment samples, and the group is now preparing to collect water column samples within the study area. The CPG has provided EPA with all sediment data gathered to date and will provide EPA with all water column data under the RI/FS process.

**3. Provide any effluent data (wastewater sampling results) from the hexachlorophene production area and/or the entire Givaudan facility, other than the 1980 – 1981 results provided in Givaudan's July 12, 2004 response to EPA's May 13, 2004 Request for Information.**

RESPONSE:

Givaudan is currently searching for the requested information. Upon completion of its search, Givaudan will provide any information obtained to EPA in Part 2 of its Response to EPA's Supplemental 104(e) Information Request.

**4. Provide all historical photos, including aerial photos, showing conditions and/or operations at the Givaudan facility and/or conditions in the area surrounding the Givaudan facility including Yantacaw Lake and the Third River, in the possession or control of Givaudan and/or Givaudan's contractors or consultants.**

RESPONSE:

Givaudan hereby provides copies of available aerial photos of the Former Givaudan Facility and the area surrounding the Former Givaudan Facility, including Yantacaw Lake and the Third River.<sup>1</sup> (Attachment F).

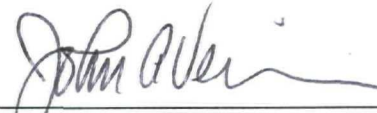
---

<sup>1</sup> The original aerial photos are believed to be in the possession of ERM, Inc. at its Exton, PA office. ERM is the consultant that conducted the prior investigations and remedial work at the Former Givaudan Facility.

As noted above, Givaudan continues its search for information requested under Question 3 of EPA's 104(e) Information Request. The company will supplement its response to EPA upon completion of its search with any effluent data that is located. At this time, Givaudan hopes to complete its search and submit the second part of its submission by November 12, 2009. A representative of Givaudan will contact you if additional time is needed to complete Part 2 of the company's response.

Thank you for your consideration in this matter.

Very truly yours,



By: John A. Vernieri

Date: 10/12/2009

Enclosures

cc: Ms. Sarah Flanagan





CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey :

County of Essex :

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

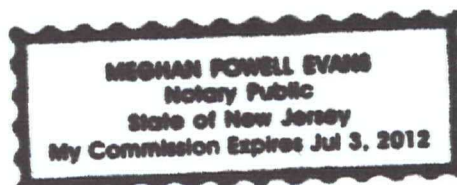
John A. Vernieri  
NAME (print or type)

EVP Consumer Products  
TITLE (print or type)

[Signature]  
SIGNATURE

Sworn to me this 12 day of Oct 2009

[Signature]  
Notary Public Signature





ATTACHMENT A

REMEDIAL ACTION REPORT FOR SEWER DECOMMISSIONING  
(ERM, FEBRUARY 2000)

Givaudan Roure Corporation

**Remedial Action Report for  
Sewer Decommissioning  
*Clifton, New Jersey***

February 2000

22329.00.01

ENVIRONMENTAL RESOURCES MANAGEMENT

**Environmental Resources Management**  
855 Springdale Drive  
Exton, Pennsylvania 19341



**ERM**



THE REMAINDER OF THE REMEDIAL ACTION REPORT FOR SEWER  
DECOMMISSIONING (ERM, FEBRUARY 2000) IS PROVIDED  
IN THE ENCLOSED BOXES

ATTACHMENT B

SUMMARY TABLE OF DEMOLITION ACTIVITIES (1970-1982)

7/25/83

D.E.P. INQUIRY

DEMOLITION

1. Demolition Activities

To the best of our knowledge no demolition took place prior to 1970.

Exhibit I - Listing of Activity

Exhibit II - Map

2. Activities Conducted

A. Private residence

B. Former Goodlatte LInoleum Works independent of Givaudan ceased operation approximately 1950, produced floor coverings, used by Hoffmann la Roche as warehouse during 1960's.

C. Krouse Doremus Foundry independent of Givaudan, ceased operation approximately 1965, produced metal castings.

D. Private residence

E. Private residence

F. Building 48  
Warehouse for Givaudan production

G. Buildings 1, 2, 3, 4, 4A, 5, 6, 8, 12, 12A, 12B, 13, 14, 20, 21 & 40  
These buildings with the exception of 20, 21, & 40 were interconnected.

The great majority of products were distillation operations.

Several natural products such as terpentine, cloves and iris roots were extracted over the years.

See Exhibit III

3. Demolition Contractors

See Exhibit I

4. Final Deposition of Rubble

Terms of contract for demolition include disposal of rubble in compliance with Federal, State and Local regulations.

5. Fill Materials

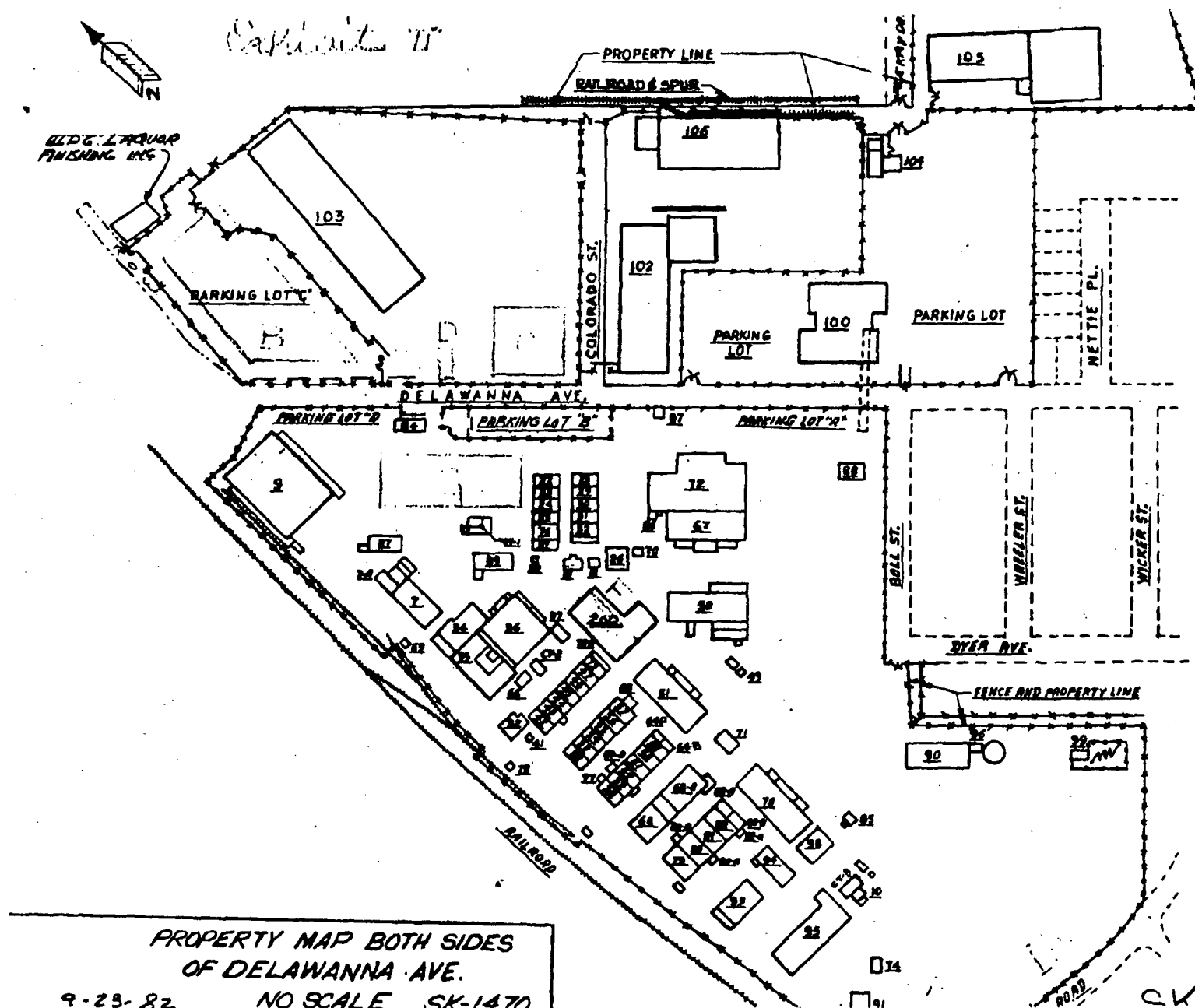
No material from offsite has been placed on property south of Delawanna Avenue, except commercial sand and gravel.

No material from the site south of Delawanna has been placed on the site north of Delawanna Avenue.



EXHIBIT IDEMOLITION WORK AT GIVAUDAN COMPLEX

- |    |      |   |   |   |
|----|------|---|---|---|
| A. | 1970 | - | Pavan House<br>River Road   | Marinaro Wrecking Co.<br>22 Hanover St.<br>Clifton, N.J. 07055                |
| B. | 1970 | - | Hoffmann la Roche Whse.<br>Delawanna Avenue                       | Marinaro Wrecking Co.   |
| C. | 1971 | - | Krouse-Doremus Bldg.<br>Delawanna Avenue                          | Petillo Bros.<br>63 Hornblower Avenue<br>Belleville, N.J. 07109               |
| D. | 1973 | - | Jim Wricht's House<br>Delawanna Avenue                            | Marinaro Wrecking Co.   |
| E. | 1978 | - | 2 Story House<br>253 River Road                                   | West Orange Contracting<br>606 Eagle Rock Avenue<br>West Orange, N.J. 07052   |
| F. | 1978 | - | Building #48<br>(For Bldg. 200)                                   | American Wrecking Corp.<br>Plaza Nine<br>900 Rt. #9<br>Woodbridge, N.J. 07095 |
| G. | 1982 | - | Bldgs. 1, 2, 3, 4, 4A,<br>5, 6, 8, 12, 12A, 12B<br>13, 14, 20, 21 | Marinaro Wrecking Co.   |



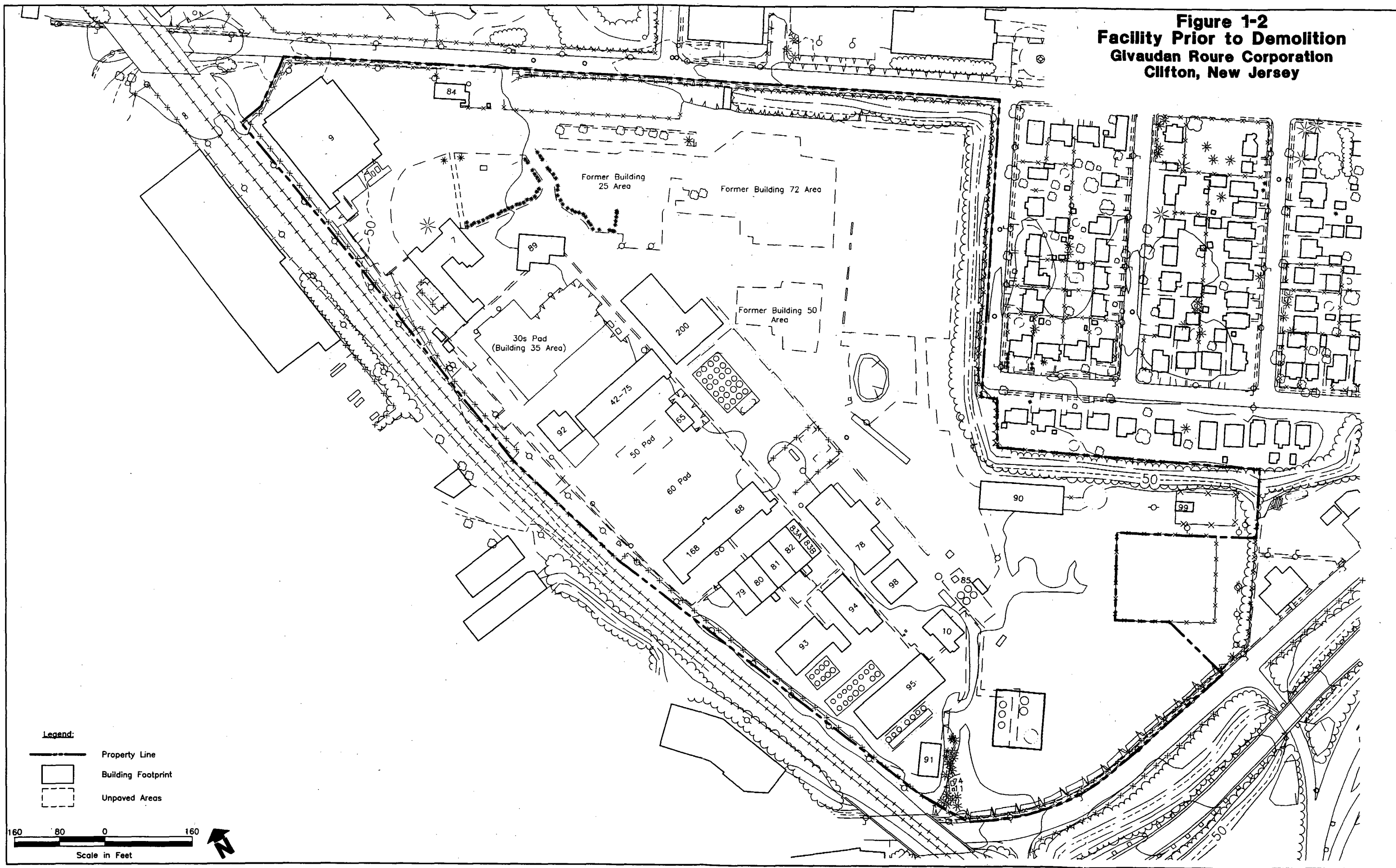
ATTACHMENT C

6

PRE-DEMOLITION SITE MAP (1/6/1999)



**Figure 1-2**  
**Facility Prior to Demolition**  
**Givaudan Roure Corporation**  
**Clifton, New Jersey**



ATTACHMENT D



SUMMARY TABLE OF DEMOLITION ACTIVITIES (1998-1999)

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1	TCCDD Remedial Action Report	51d	Tue 12/1/98	Thu 2/18/99		Eversman
2	Revise Deed Notice	10d	Tue 12/1/98	Mon 12/14/98		Eversman
3	Check and Revise RAR	15d	Tue 12/15/98	Wed 1/13/99	2	Eversman
4	Submit to Department	1d	Thu 1/21/99	Thu 1/21/99	3FS+5d	Eversman
5	Department Review and Approval	20d	Fri 1/22/99	Thu 2/18/99	4	NJDEP
6						
7	North Side Due Diligence	111d	Tue 12/1/98	Thu 5/13/99		Eversman
8	Prepare Draft Site Investigation Report	20d	Tue 12/1/98	Wed 1/6/99		Hogue
9	Excavate Railroad Area	20d	Mon 12/14/98	Tue 1/19/99		
10	Clean Sumps	5d	Mon 12/21/98	Tue 1/5/99		
11	Chemical Analytical	15d	Wed 2/3/99	Tue 2/23/99	9FS+10d	
12	Prepare Final Site Draft SI Report/Neg Dec	25d	Wed 2/24/99	Tue 3/30/99	11	Eversman
13	Submit SI Report and Neg Dec. to Department	1d	Wed 3/31/99	Wed 3/31/99	12	
14	Department Review and Approval	30d	Thu 4/1/99	Wed 5/12/99	13	NJDEP
15	North Side property available to transfer to RMI	1d	Thu 5/13/99	Thu 5/13/99	14	
16						
17	Sewer System Excavation Activities	206d	Mon 1/4/99	Thu 10/21/99		Wroblewski
18	Characterization Analytical Returned	1d	Thu 1/7/99	Thu 1/7/99		
19	Ship soil to Clean Earth	15d	Mon 1/11/99	Fri 1/29/99	18FS+1d	
20	Ship water offsite for disposal	3d	Fri 1/15/99	Tue 1/19/99	18FS+5d	
21	Pump water from Pond	3d	Thu 4/1/99	Mon 4/5/99		
22	Excavation of Pond (Crew 1)	5d	Tue 4/6/99	Mon 4/12/99	21	Crew 1Ex
23	Analytical Results of Pond	10d	Tue 4/13/99	Mon 4/26/99	22FF+10d	
24	Ship Roll-offs off-site	1d	Fri 4/30/99	Fri 4/30/99	23FS+3d	
25	Hot Spot Excavation (Crew 2)	30d	Mon 1/4/99	Fri 2/12/99		Crew 2Ex
26	Analytical Results from Hot Spot Excavation	15d	Mon 2/8/99	Fri 2/26/99	25FF+10d	
27	Excavation of New Chemical Sewer (Crew 1)	45d	Tue 4/13/99	Tue 6/15/99	22	Crew 1Ex
28	Analytical Results from New Chemical Sewer	15d	Wed 5/6/99	Tue 5/29/99	27FF+10d	
29	Excavation of Storm Sewers (Crew 2)	45d	Mon 2/15/99	Fri 4/16/99	25	Crew 2Ex
30	Analytical Results from Storm Sewers	15d	Mon 4/12/99	Fri 4/30/99	29FF+10d	
31	Excavation of Old Chemical Sewers	20d	Wed 5/5/99	Wed 6/2/99	82	
32	Analytical Results from Old Chemical Sewers	15d	Thu 6/3/99	Wed 6/23/99	31	
33	Soil Management (Stockpiling, sampling, transportation)	85d	Mon 1/4/99	Fri 4/30/99		
34	Backfilling and regrading	60d	Wed 3/3/99	Wed 5/26/99	33SS+50%	
35	Prepare RAR for Sewer System Closure	120d	Mon 2/1/99	Tue 7/20/99	19	RW,ME,JH,JR
36	Submit to Department	1d	Wed 7/21/99	Wed 7/21/99	35	
37	Department Review and Comment	30d	Thu 7/22/99	Wed 9/1/99	36	
38	Preparation of Response to Comments	15d	Thu 9/2/99	Thu 9/23/99	37	RW,ME,JH,JR

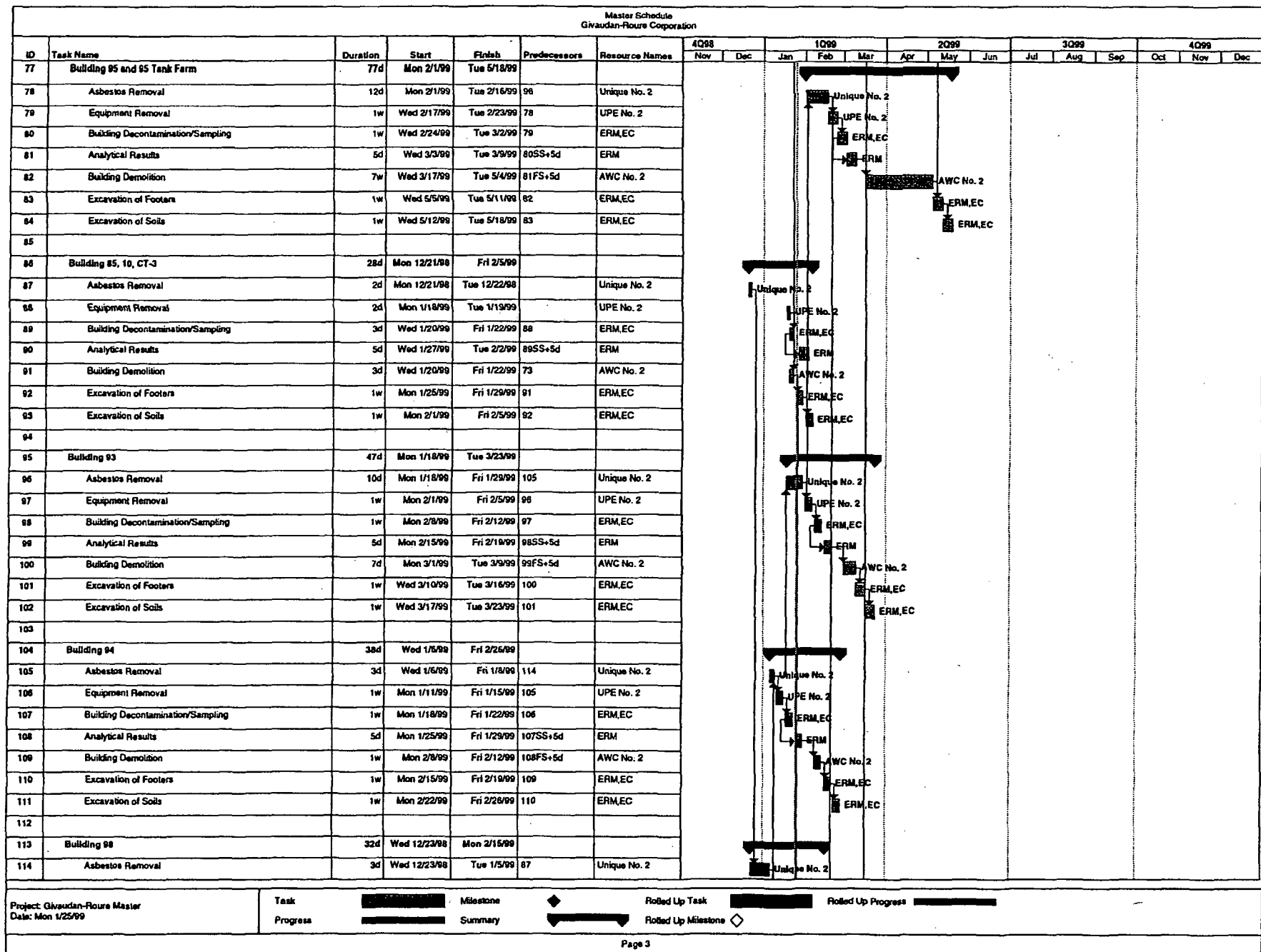


**Master Schedule**  
Givaudan-Roure Corporation

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	4Q98		1Q99			2Q99			3Q99			4Q99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
							Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
39	Department Review and Approval	20d	Fri 9/24/99	Thu 10/21/99	38	NJDEP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

Project: Givaudan-Roure Master  
Date: Mon 1/25/99

Task: [Solid Bar] Milestone: [Diamond] Rolled Up Task: [Thick Solid Bar] Rolled Up Progress: [Thick Solid Bar]  
Progress: [Thin Solid Bar] Summary: [Thin Solid Bar] Rolled Up Milestone: [Thick Diamond]





**Master Schedule**  
Givaudan-Roure Corporation

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	4Q98		1Q99			2Q99			3Q99			4Q99		
							Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
115	Equipment Removal	1d	Wed 1/6/99	Wed 1/6/99	114	UPE No. 2														
116	Building Decontamination/Sampling	3d	Thu 1/7/99	Mon 1/11/99	115	ERM,EC														
117	Analytical Results	5d	Thu 1/14/99	Wed 1/20/99	116SS+5d	ERM														
118	Building Demolition	3d	Thu 1/20/99	Mon 2/1/99	117FS+5d	AWC No. 2														
119	Excavation of Footers	1w	Tue 2/2/99	Mon 2/8/99	118	ERM,EC														
120	Excavation of Soils	1w	Tue 2/9/99	Mon 2/15/99	119	ERM,EC														
121																				
122	Building 70-83B	60d	Wed 2/17/99	Mon 5/24/99																
123	Asbestos Removal	23d	Wed 2/17/99	Fri 3/19/99	78	Unique No. 2														
124	Equipment Removal	1d	Mon 3/22/99	Mon 3/22/99	123	UPE No. 2														
125	Building Decontamination/Sampling	1d	Tue 3/23/99	Tue 3/23/99	124	ERM,EC														
126	Analytical Results	5d	Tue 3/30/99	Mon 4/5/99	125SS+5d	ERM														
127	Building Demolition	4w	Tue 4/13/99	Mon 5/10/99	126FS+5d	AWC No. 4														
128	Excavation of Footers	1w	Tue 5/11/99	Mon 5/17/99	127	ERM,EC														
129	Excavation of Soils	1w	Tue 5/18/99	Mon 5/24/99	128	ERM,EC														
130																				
131	Building 78, 71	46d	Wed 3/24/99	Wed 5/26/99																
132	Asbestos Removal	22d	Wed 3/24/99	Thu 4/22/99	229	Unique No. 1														
133	Equipment Removal	1d	Fri 4/23/99	Fri 4/23/99	132	UPE No. 1														
134	Building Decontamination/Sampling	1d	Mon 4/26/99	Mon 4/26/99	133	ERM,EC														
135	Analytical Results	1d	Mon 5/3/99	Mon 5/3/99	134SS+5d	ERM														
136	Building Demolition	2d	Tue 5/11/99	Wed 5/12/99	135FS+5d	AWC No. 2														
137	Excavation of Footers	1w	Thu 5/13/99	Wed 5/19/99	136	ERM,EC														
138	Excavation of Soils	1w	Thu 5/20/99	Wed 5/26/99	137	ERM,EC														
139																				
140	Building 57	32d	Mon 3/1/99	Tue 4/13/99																
141	Equipment Removal	1w	Mon 3/1/99	Fri 3/5/99		UPE														
142	Building Decontamination/Sampling	1d	Mon 3/8/99	Mon 3/8/99	141	ERM,EC														
143	Analytical Results	5d	Mon 3/15/99	Fri 3/19/99	142SS+5d	ERM														
144	Building Demolition	2d	Mon 3/29/99	Tue 3/30/99	143FS+5d	AWC No. 1														
145	Excavation of Footers	1w	Wed 3/31/99	Tue 4/6/99	144	ERM,EC														
146	Excavation of Soils	1w	Wed 4/7/99	Tue 4/13/99	145	ERM,EC														
147																				
148	Building 158/6s	65d	Mon 3/29/99	Mon 6/28/99																
149	Equipment Removal	1w	Mon 3/29/99	Fri 4/2/99		UPE														
150	Building Decontamination/Sampling	1d	Mon 4/5/99	Mon 4/5/99	149	ERM,EC														
151	Analytical Results	5d	Mon 4/12/99	Fri 4/16/99	150SS+5d	ERM														
152	Building Demolition	7w	Mon 4/26/99	Mon 6/14/99	151FS+5d	AWC No. 3														

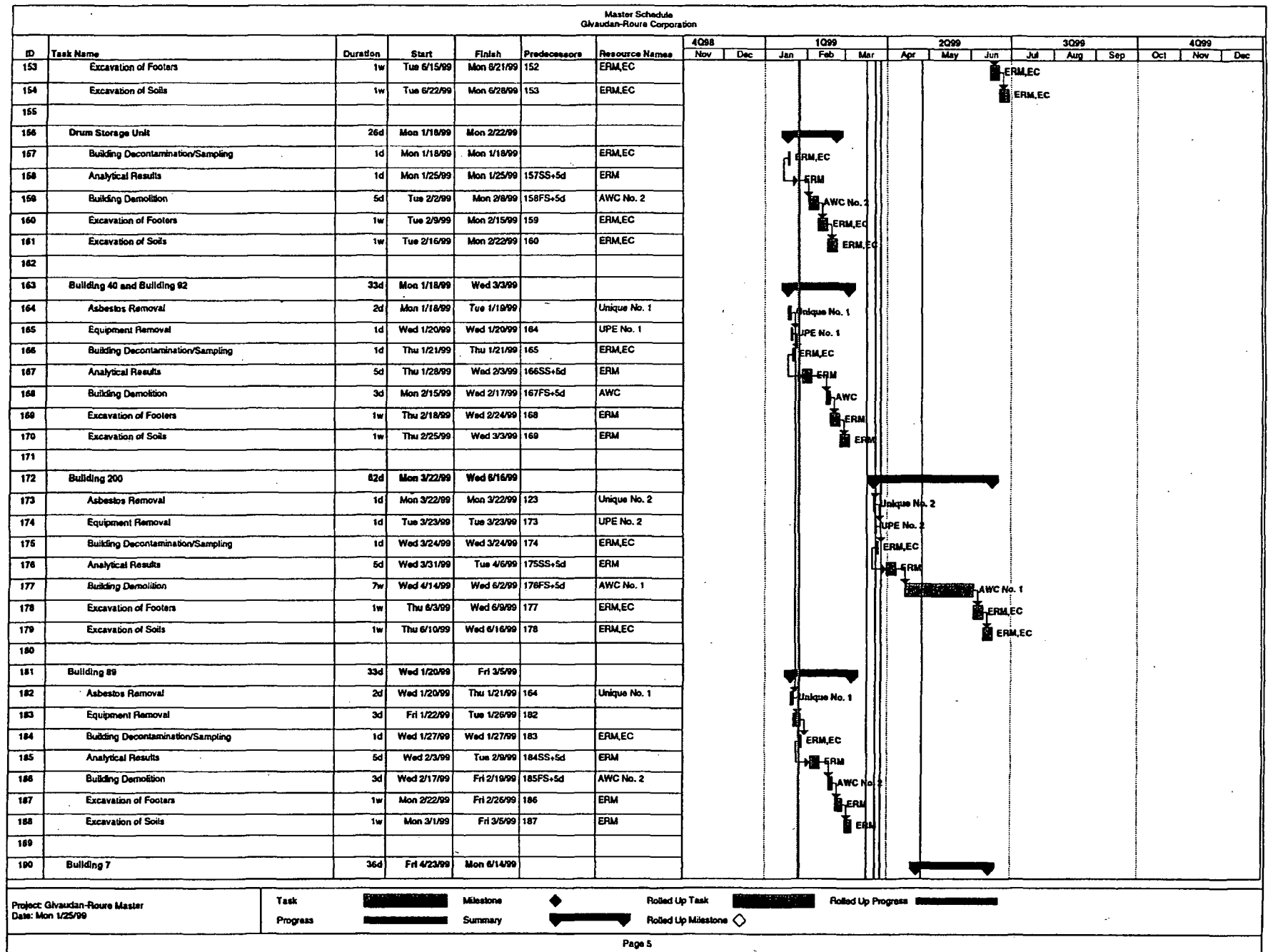
Project: Givaudan-Roure Master  
Date: Mon 1/25/99

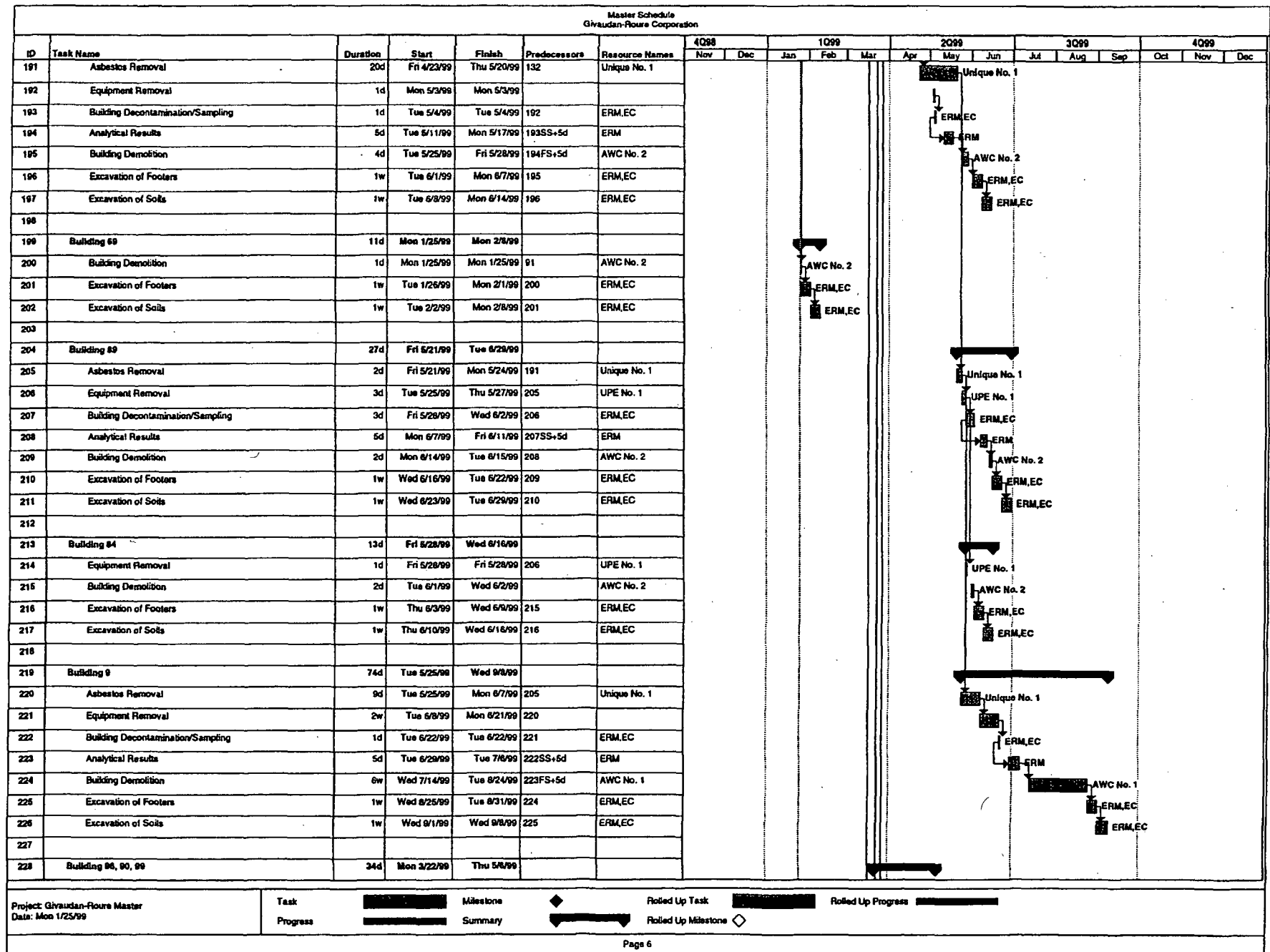
Task   
Progress 

Milestone   
Summary 

Roll Up Task   
Roll Up Milestone 

Roll Up Progress 





**Master Schedule**  
Givaudan-Roure Corporation

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	4Q98		1Q99			2Q99			3Q99			4Q99		
							Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
229	Asbestos Removal	2d	Mon 3/22/99	Tue 3/23/99	123	Unique No. 2														
230	Equipment Removal	2d	Wed 3/24/99	Thu 3/25/99	229	UPE No. 2														
231	Building Decontamination/Sampling	1d	Fri 3/26/99	Fri 3/26/99	230	ERM,EC														
232	Analytical Results	5d	Fri 4/2/99	Thu 4/8/99	231SS+5d	ERM														
233	Building Demolition	5d	Fri 4/16/99	Thu 4/22/99	232FS+5d	AWC No. 3														
234	Excavation of Footers	1w	Fri 4/23/99	Thu 4/29/99	233	ERM,EC														
235	Excavation of Soils	1w	Fri 4/30/99	Thu 5/6/99	234	ERM,EC														
236	Asbestos Removal Oversight	113d	Mon 12/21/98	Mon 6/7/99		3AO,Marcelis														
237	Preparation of Asbestos Removal Report	45d	Tue 6/8/99	Tue 8/10/99	236	Marcelis														
238																				
239	Soil and Debris Management	287d	Mon 11/2/98	Thu 12/23/99		Billie,EWM														
240	Soil Management (stockpiling, sampling, transportation)	155d	Fri 1/29/99	Tue 9/7/99		ERM,EC														
241	Soil Analytical Results for Disposal	90d	Tue 5/18/99	Fri 9/24/99	240SS+50%	ERM,EC														
242	Backfilling and Grading	1d	Tue 5/18/99	Wed 5/19/99	240SS+50%	ERM,EC														
243	Analytical for Demolition	5d	Mon 11/2/98	Fri 11/6/98		ERM,EC														
244	Prepare RAR for Building Demolition/Soil Management	204d	Fri 1/29/99	Mon 11/15/99		ERM,EC														
245	Submission to Department	1d	Tue 11/16/99	Tue 11/16/99	244															
246	Department review and Comment	20d	Wed 11/17/99	Thu 12/16/99	245															
247	Preparation of Response to Comments	5d	Fri 12/17/99	Thu 12/23/99	246															
248																				
249	ISRA Related Activities 125 Delawanna Avenue	184d	Tue 12/1/98	Thu 8/26/99		Archer,McDonald														
250	Property Inspection	20d	Tue 12/1/98	Wed 1/6/99		Archer,McDonald														
251	ISRA Related Soil Borings and Sampling	45d	Mon 12/14/98	Tue 2/23/99																
252	Analytical results from field investigation	1d	Wed 3/17/99	Wed 3/17/99	251FS+15d															
253	ISRA Related Building Cleaning	30d	Mon 1/11/99	Fri 2/19/99		Crew 4DC														
254	Execution of Sales Agreement	1d	Fri 1/15/99	Fri 1/15/99																
255	Due Diligence Period	90ed	Mon 1/18/99	Sun 4/18/99	254															
256	Submit Draft Soil RAWP to RMI	1d	Wed 3/17/99	Wed 3/17/99	254FS+60ed	Everaman														
257	Prepare ISRA Preliminary Assessment Report	30d	Thu 1/7/99	Wed 2/17/99	250	Archer,McDonald														
258	Prepare Site Investigation Report	30d	Wed 4/7/99	Tue 5/18/99	252SS+15d	Everaman,Hogue														
259	Department Review and Comment	30d	Wed 5/19/99	Wed 6/30/99	258															
260	Response to Comments	20d	Thu 7/1/99	Thu 7/29/99	259	Everaman,Hogue														
261	Department Review and Approval	20d	Fri 7/30/99	Thu 8/26/99	260															
262																				
263	Property Available to Transfer to RMI	1d	Fri 12/31/99	Fri 12/31/99																

Project: Givaudan-Roure Master  
Date: Mon 1/25/99

Task  Milestone  Rolled Up Task  Rolled Up Progress   
 Progress  Summary  Rolled Up Milestone 

ATTACHMENT E



2001 PHOTOS OF THE FORMER GIVAUDAN FACILITY





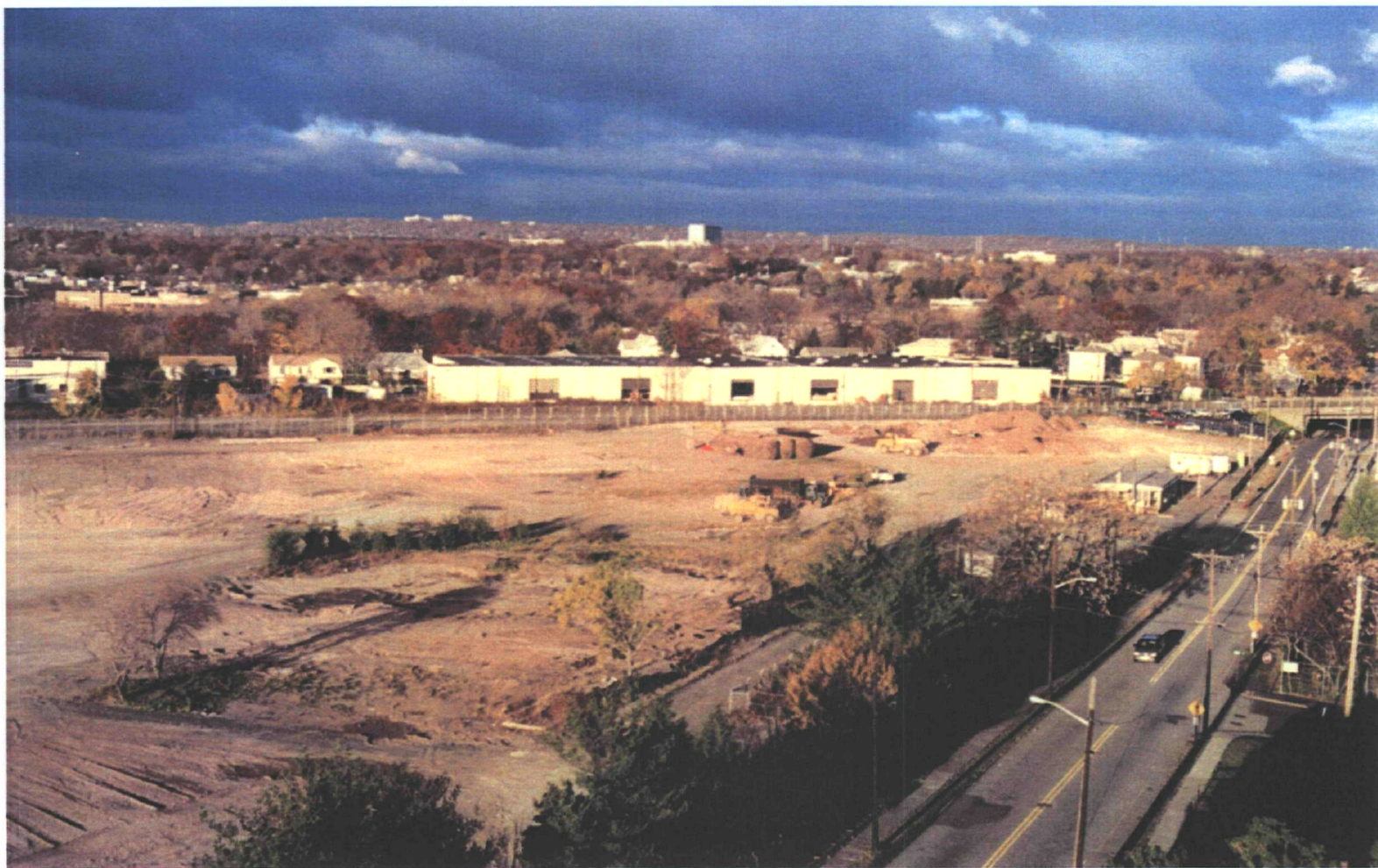












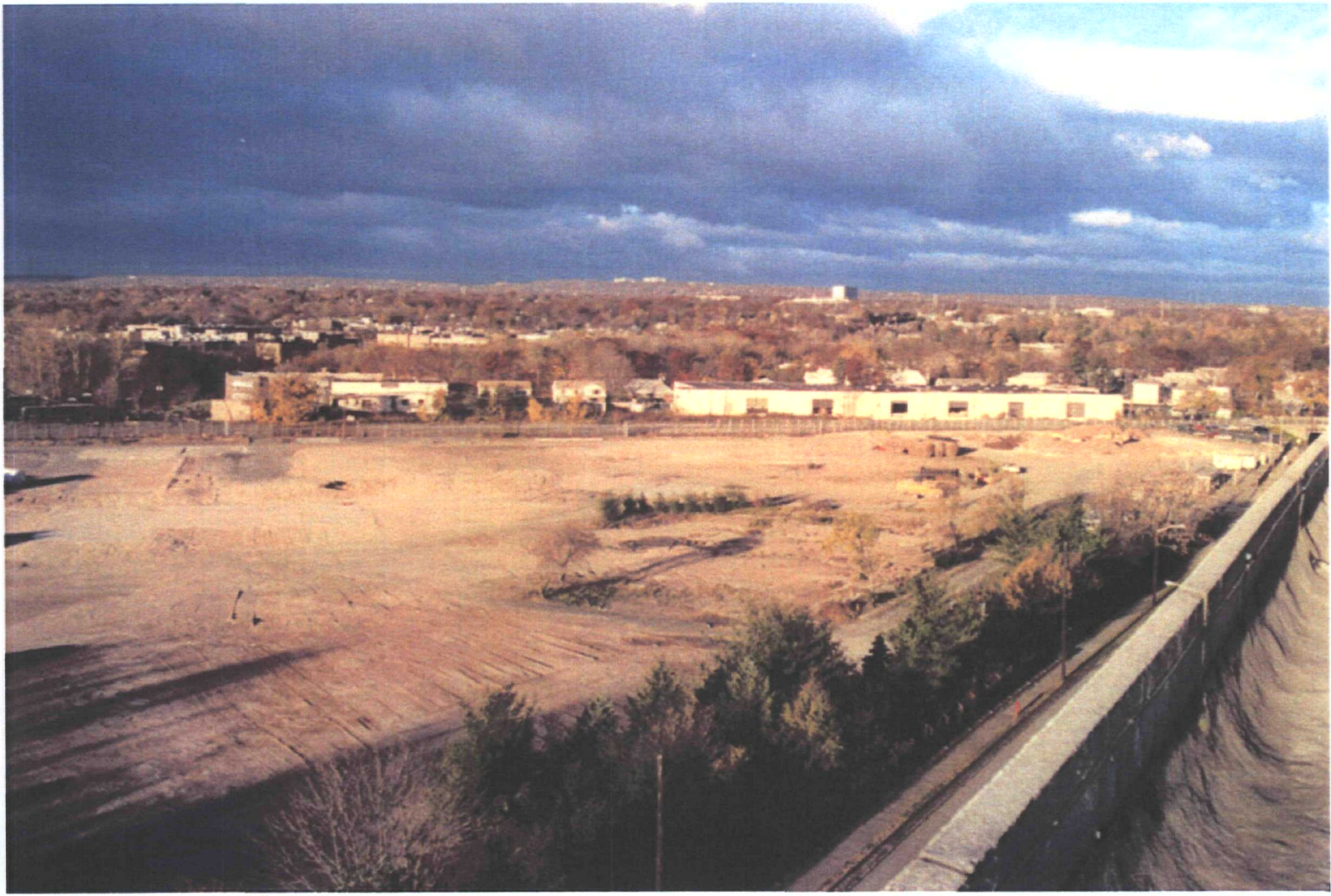
























ATTACHMENT F



AERIAL PHOTOS OF THE FORMER GIVAUDAN FACILITY AND  
SURROUNDING AREAS



3-24-83

167-83

4-55











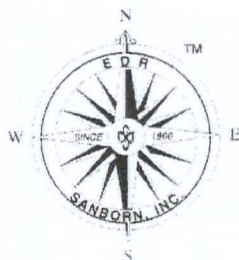
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of **e data resources, inc.**



Client: ERM Group, Inc.  
Site Address: 100 Delawanna Avenue  
USGS Quad: Orange  
City/Town(ship): Clifton  
County/State: Passaic, New Jersey  
Scale: 1"=1000' Originally flown at: 1"=1667'  
Project Number: 97-1852  
Date of Photography: December 5, 1953





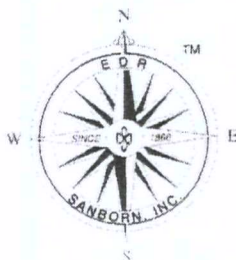
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of **e data resources, inc.**



Client: ERM Group, Inc.  
 Site Address: 100 Delawanna Avenue  
 USGS Quad: Orange  
 City/Town(ship): Clifton  
 County/State: Passaic, New Jersey  
 Scale: 1"=1000' Originally flown at: 1"=1667'  
 Project Number: 97-1852  
 Date of Photography: June 22, 1966





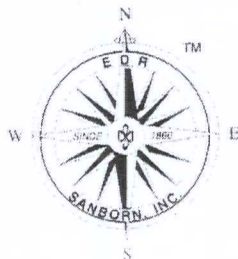
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of *e data resources, inc.*



Client: ERM Group, Inc.  
 Site Address: 100 Delawanna Avenue  
 USGS Quad: Orange  
 City/Town(ship): Clifton  
 County/State: Passaic, New Jersey  
 Scale: 1"=1000' Originally flown at: 1"=2000'  
 Project Number: 97-1852  
 Date of Photography: February 21, 1970





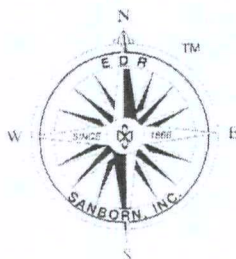
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of **e data resources, inc.**



Client: ERM Group, Inc.  
Site Address: 100 Delawanna Avenue  
USGS Quad: Orange  
City/Town(ship): Clifton  
County/State: Passaic, New Jersey  
Scale: 1"=2000' Originally flown at: 1"=6667'  
Project Number: 97-1852  
Date of Photography: March 16, 1985





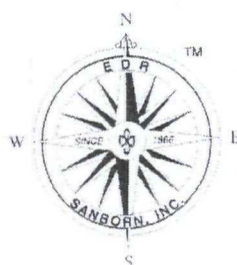
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of **e data resources, inc.**



Client: ERM Group, Inc.  
Site Address: 100 Delawanna Avenue  
USGS Quad: Orange  
City/Town(ship): Clifton  
County/State: Passaic, New Jersey  
Scale: 1"=1000' Originally flown at: 1"=6667'  
Project Number: 97-1852  
Date of Photography: March 16, 1985





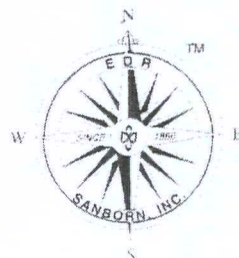
Prepared by:



National Aerial Resources  
Rensselaer Technology Park  
385 Jordan Road  
Troy, NY 12180

**edr**

A division of *e data resources, inc.*



Client: ERM Group, Inc.  
 Site Address: 100 Delawanna Avenue  
 USGS Quad: Orange  
 City/Town(ship): Clifton  
 County/State: Passaic, New Jersey  
 Scale: 1"=1000' Originally flown at: 1"=3333'  
 Project Number: 97-1852  
 Date of Photography: March 29, 1995







